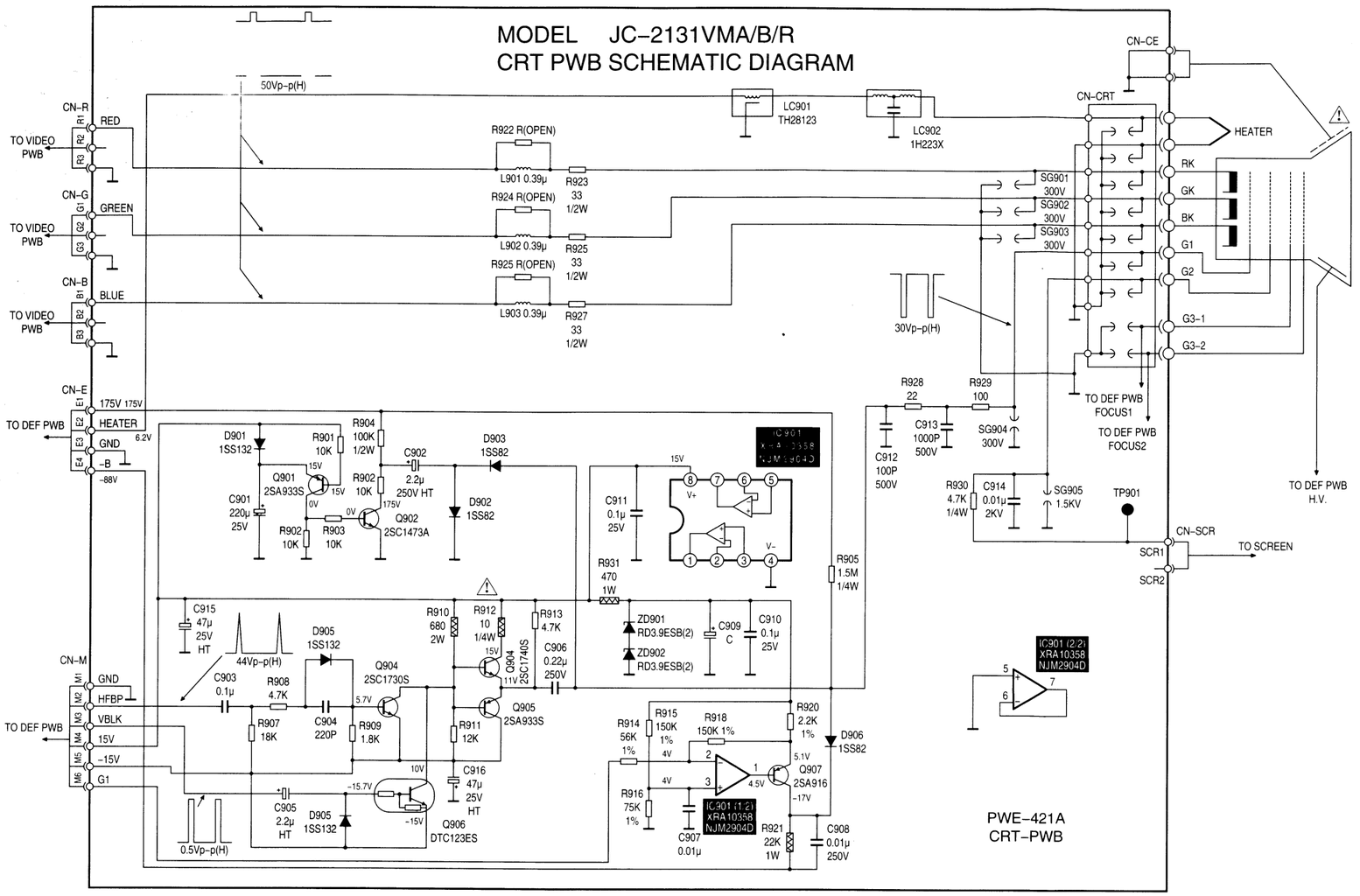
NEC JX-2131VMA/B/R

MODEL

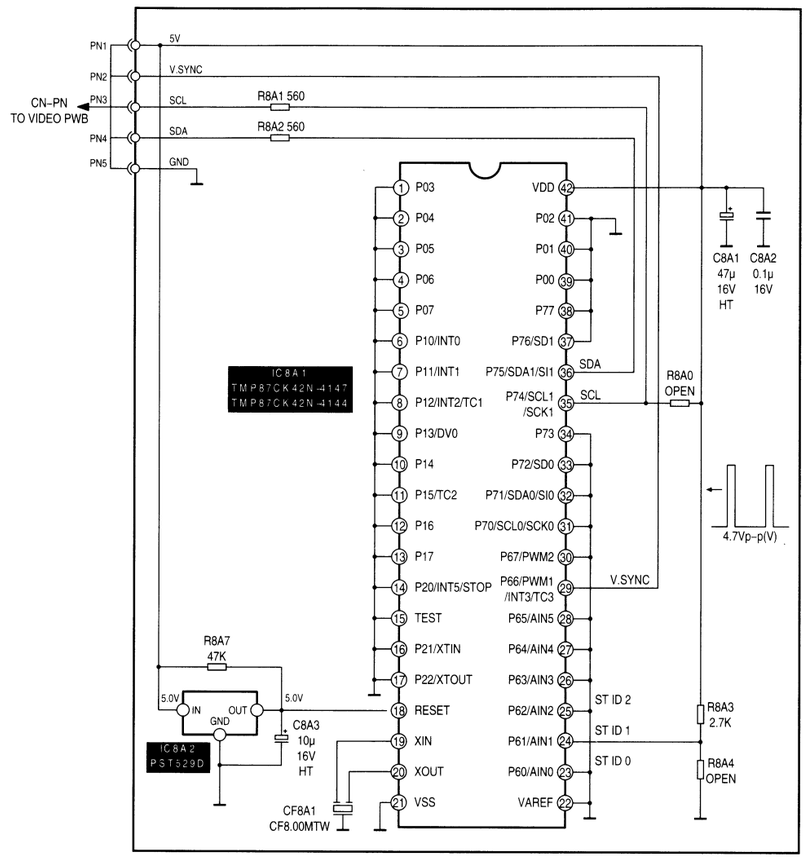
SERVICE MANUAL

MODEL JC–2131VMA/B/R
CRT PWB SCHEMATIC DIAGRAM

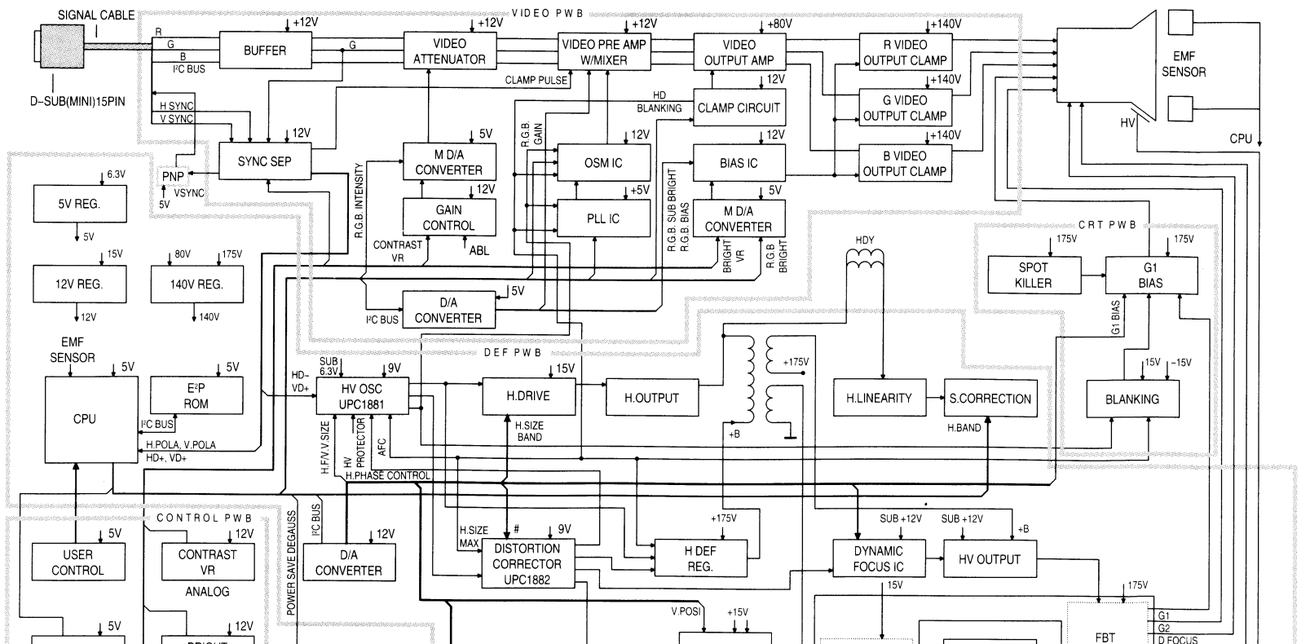


PWE–421A
CRT–PWB

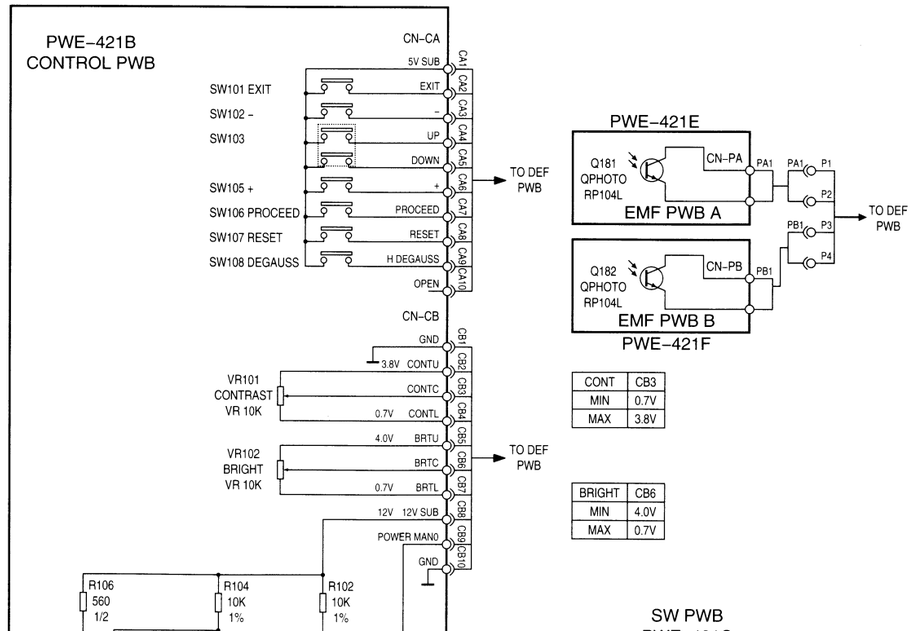
MODEL JC–2131 VMA/B/R
PNP PWB SCHEMATIC DIAGRAM

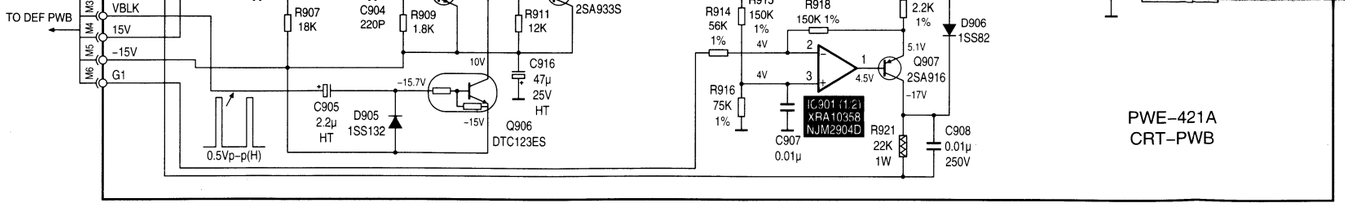


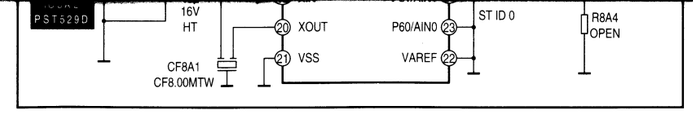
JC–2131VMA/B/R BLOCK DIAGRAM



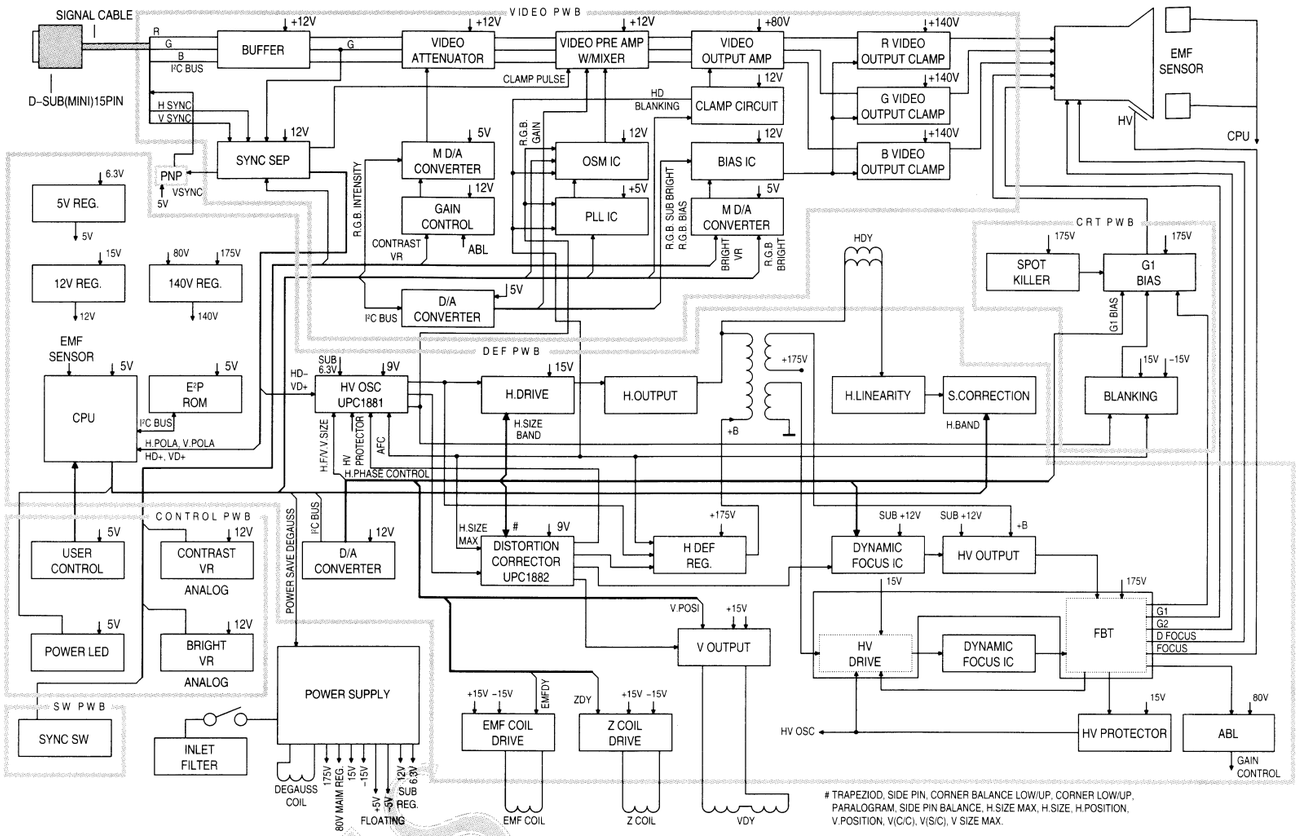
MODEL JC–2131 VMA/B/R
CRT PWB SCHEMATIC DIAGRAM



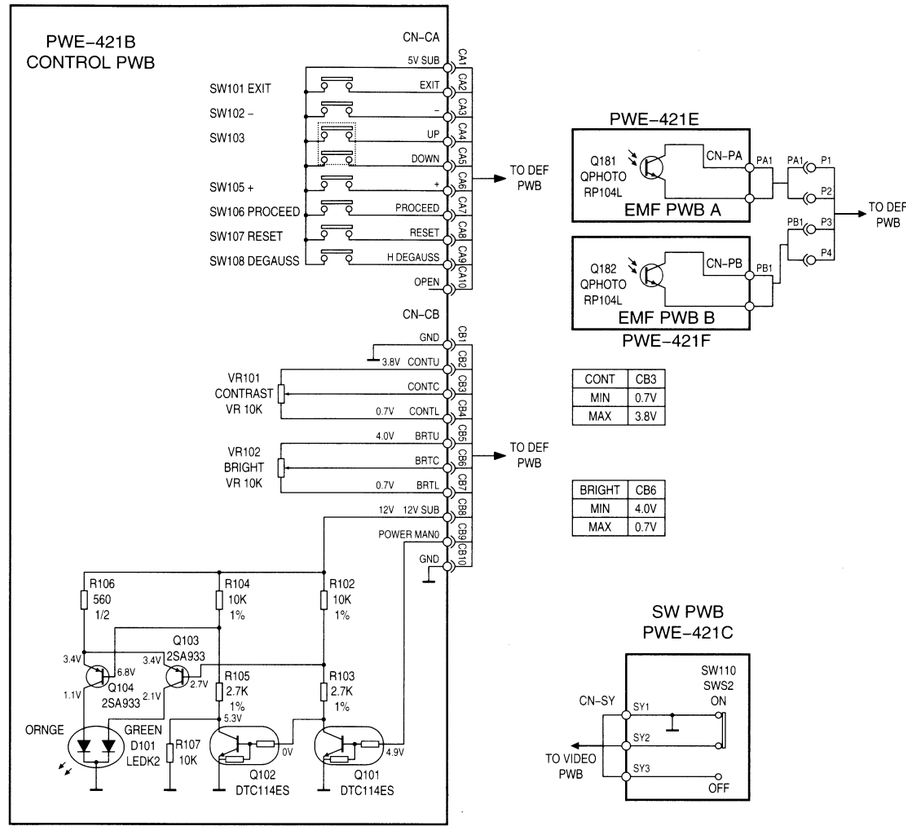




JC−2131VMA/B/R BLOCK DIAGRAM

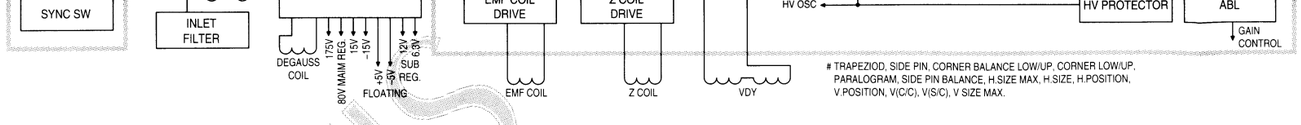


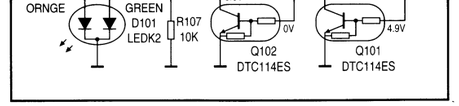
MODEL JC−2131 VMA/B/R
CRT PWB SCHEMATIC DIAGRAM

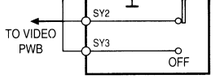


MODEL JC−2131 VMA/B/R
VIDEO PWB SCHEMATIC DIAGRAM

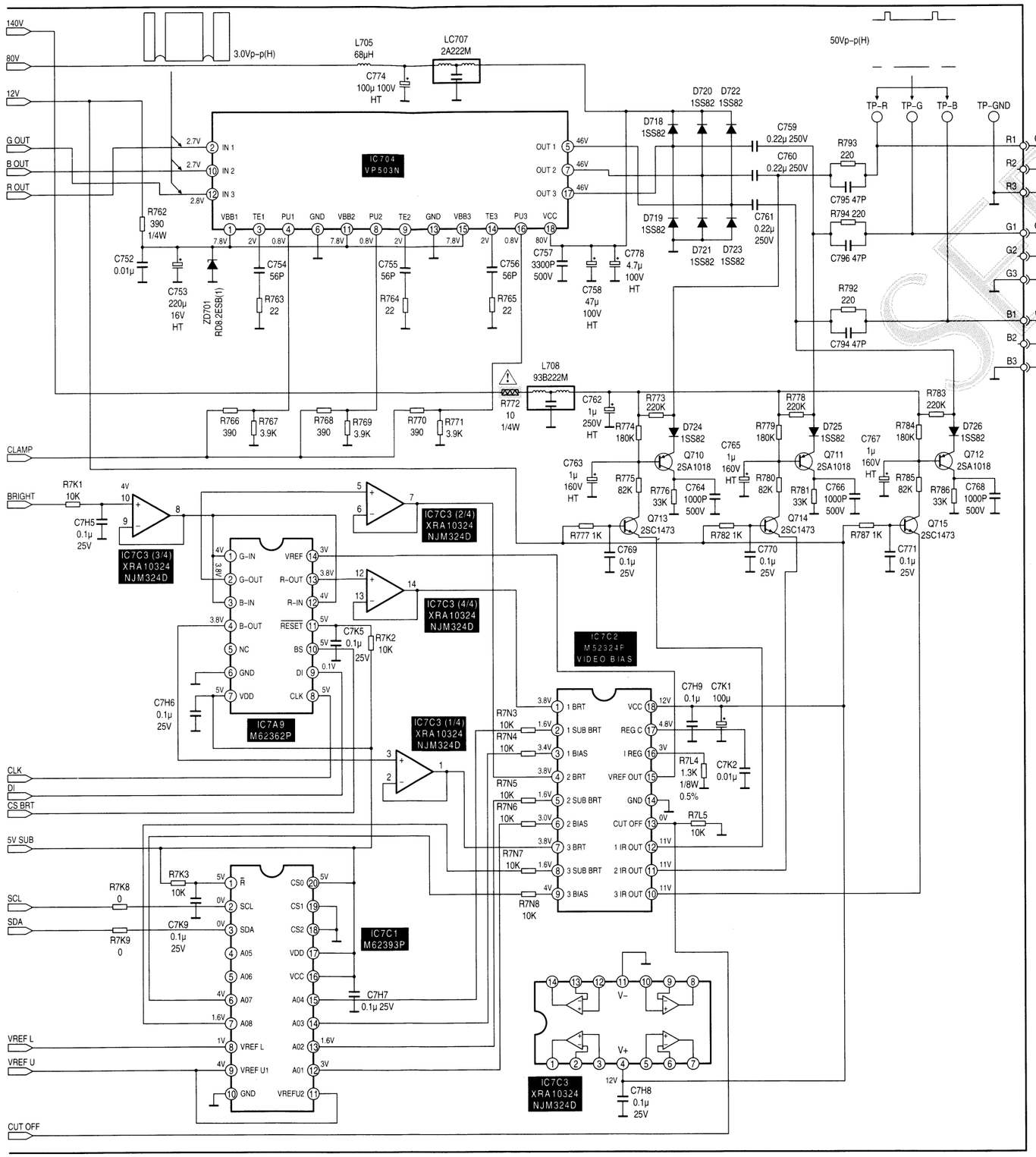
SERWIS ELEKTRONIKI







MODEL JC–2131 VMA/B/R
VIDEO PWB SCHEMATIC DIAGRAM



	Q710	Q711	Q712	
CONT.	BRIGHT	E	C	B
MAX	MAX	101V	9V	100V
MAX	MIN	115V	6V	113V
MIN	MAX	101V	7V	100V
MIN	MIN	115V	4.5V	113V

CAPACITORS VALUES ARE IN µF UNLESS OTHERWISE INDECATED. P=PF
ALL CAPACITORS ARE 50 VOLTS EXCEPT WHERE OTHERWISE INDICATED.
VOLTS AND WAVEFORMS ARE MEASURED UNDER THE INVERTED "H" CHARACTER SIGNALS. THE CONTRAST CONTROL IS MAXIMUM. THE BRIGHTNESS CONTROL IS MINIMUM AND ALL OTHER CONTROLS ARE NORMAL OPERATION.
VOLTAGES AND WAVEFORMS ARE MEASURED UNDER THE FOLLOWING SYNC. AND VIDEO EXCEPT WHERE OTHERWISE INDICATED.

SYNC:	HORIZONTAL	RATE = 31.5KHz
	VERTICAL	RATE = 70Hz
	SEPARATE SYNC.	TTL LEVEL
	HORIZONTAL SYNC.	NEGATIVE
	VERTICAL SYNC.	POSITVE
VIDEO:	ANALOG	8.7Vp-p POSITIVE

(H) : HORIZONTAL RATE (V) : VERTICAL RATE
L : TTL LOW LEVEL H : TTL HIGH LEVEL
(N) : THE PARTS FOR NEC CRT
(M) : THE PARTS FOR MITSHUBISHI CRT

WARNING
REPLACEMENT PARTS WHICH HAVE SPECIAL SAFETY CHARACTERISTICS ARE IDENTIFIED BY ⚠ SHADING ON THE SCHEMATICS. REPLACE THIS CRITICAL COMPONENTS WITH RECOMMENDED REPLACEMENT PARTS. DON'T DEGRADE THE SAFETY OF THE SET TROUGH IMPROPER SERVICING.

CONTROL (S) MARKED IS PERMANENTLY PROZEN.
DO NOT ATTEMPT TO REPEAT BY IMPROPERLY REPLACE

SERWIS ELEKTRONIKI

MODEL JC–2131 VMA/B/R
DEF PWB SCHEMATIC DIAGRAM

TO EMF PWB CN–P

TO CONTROL PWB CN–CA

TO CONTROL PWB CN–CB

IC841 (1/4) XRA10324A NJM324D

IC811 BR24C04 24LC04B

IC801 µPC78014YCW-Y19

IC191 UPD4053BC

IC181 XRA10324A NJM324D

IC841 XRA10324A NJM324D

DEF PWB PWE-393 (1/4)

IC181 (1/4) XRA10324A NJM324D

IC181 (2/4) XRA0324D NJM324D

IC191 (1/3) UPD4053BC

IC191 (2/3) UPD4053BC

IC181 (3/4) XRA0324D NJM324D

IC191 (3/3) UPD4053BC

IC181 (4/4) XRA0324D NJM324D

MRC801 ARCL10TS

MRC802 ARCL10TS

MRC803 ARCL10TS

MRC804 ARCL9LS

IC891 PQ05RR11

IC841 (3/4) XRA10324A NJM324D

IC841 (4/4) XRA10324A NJM324D

IC842 LM4040

Q821 DTC 144ES

Q812 DTC144ES

Q81A 2SC2901

4.7Vp-p(H)

5.0Vp-p(V)

SERIAL DATA

V SYNC

RESET

H SYNC

VIDEO BRANKING

M DEG

ADJUST 2

ADJUST 1

V STATE

V POLA

H POLA

TIMING

SERIAL D

12V_SUB

6.2V_SUB

5V_SUB

DEGAUSS

POWER MAN1

POWER MAN0

VREF U

VREF L

SDA

SCL

HD

MRC802
ARCL10TS

MRC803
ARCL10TS

IC191 (1/3)
UPD4053BC

IC191 (2/3)
UPD4053BC

IC191 (3/3)
UPD4053BC

IC181 (3/4)
XRA0324D
NJM324D

IC181 (4/4)
XRA0324D
NJM324D

IC841 (3/4)
XRA10324A
NJM324D

IC841 (4/4)
XRA10324A
NJM324D

IC842
LM4040

IC551
UPC78M09AHF

IC501
UPC1881

IC851
M62393P

IC861
M62393P

IC4C1
XRA10358
NJM2904D

TO CONTROL PWB
CN-CB

TO SW. REG. PWB.
CN-D

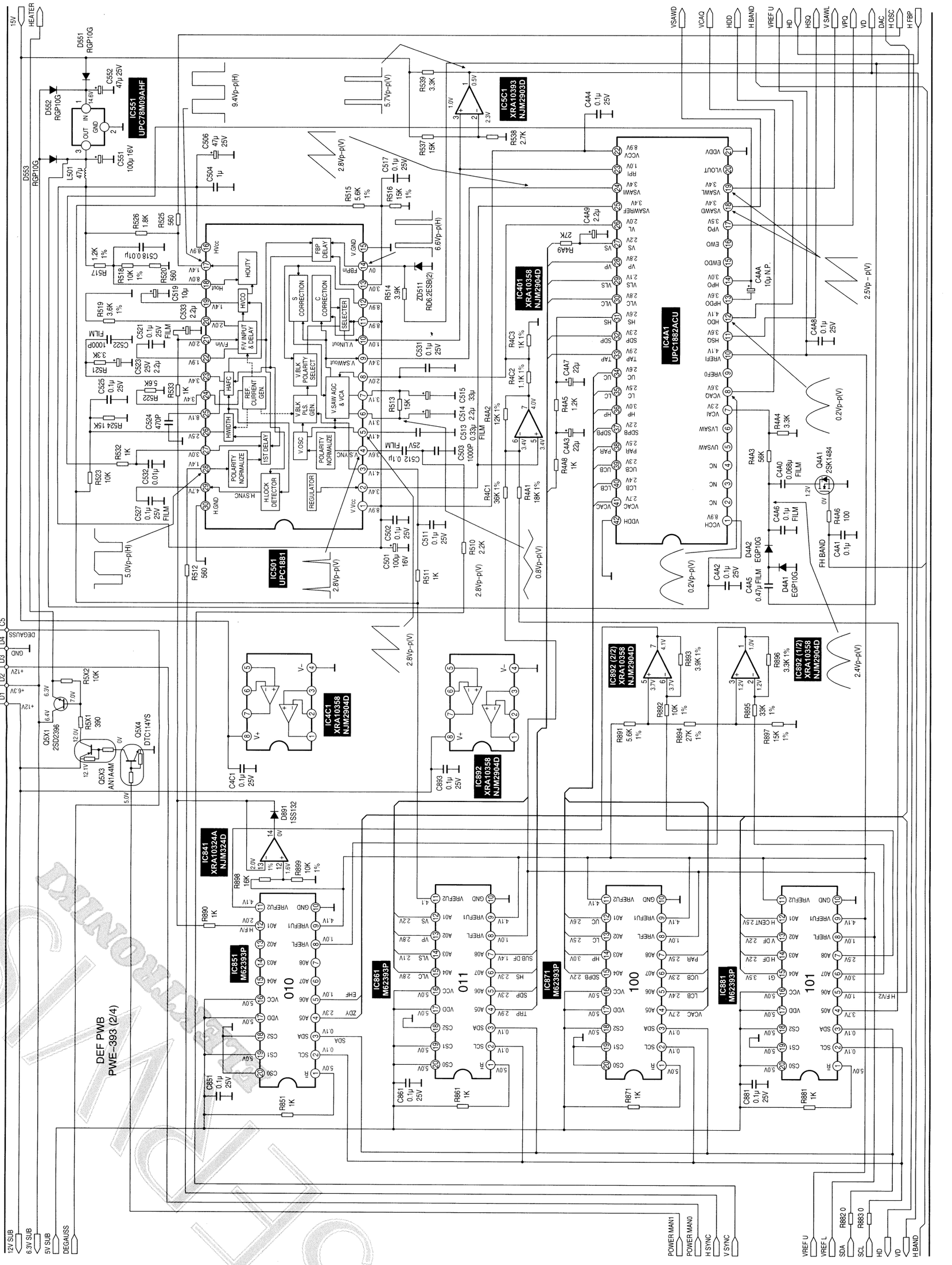
TO VIDEO PWB
CN-F

MODEL JC-2131VMA/B/R
DEF PWB SCHEMATIC DIAGRAM

DEF PWB
PWE-393 (2/4)

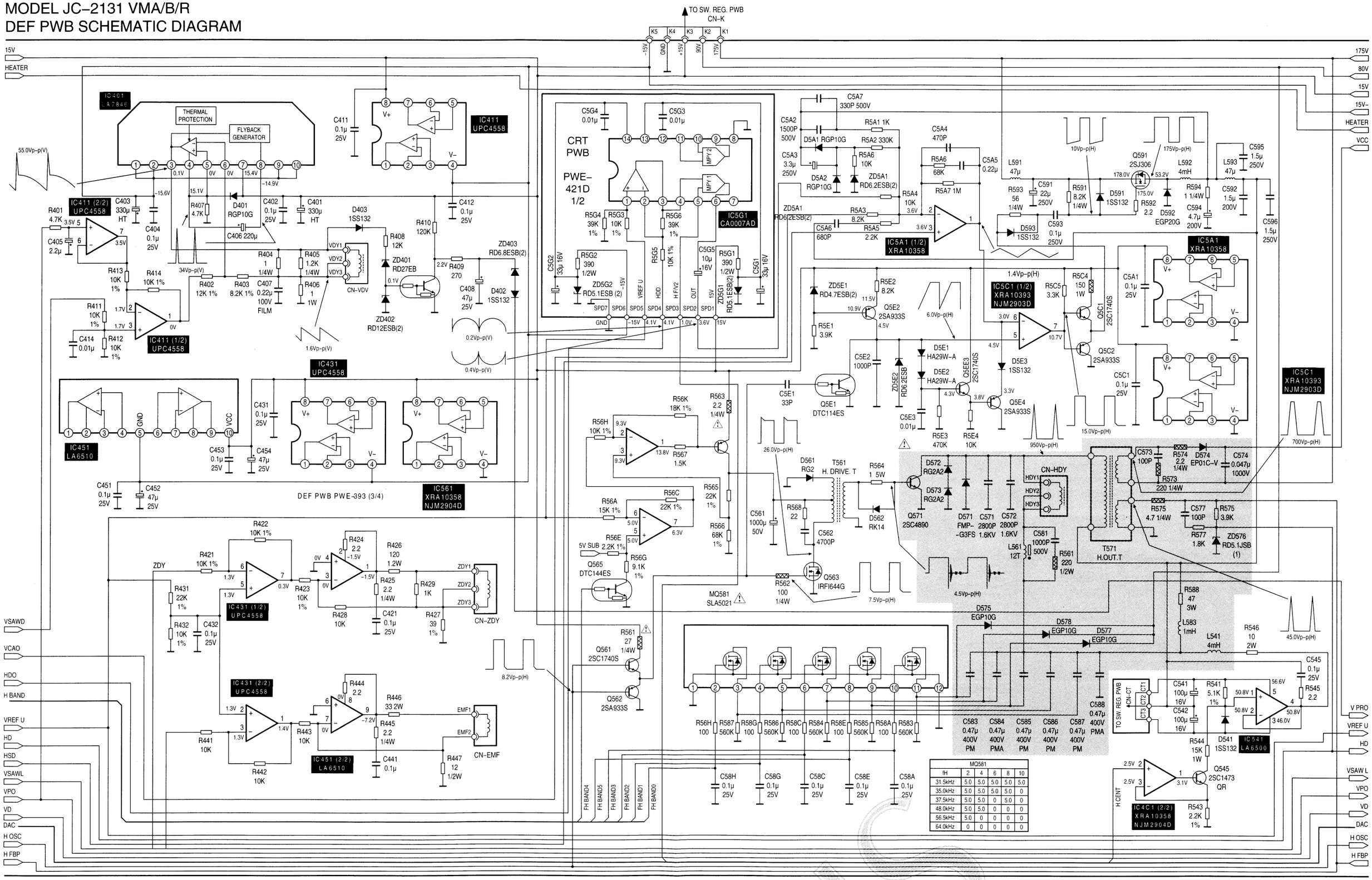
SERVICE ELEKTRONIKI

MODEL JC-2131VMA/B/R
DEF PWB SCHEMATIC DIAGRAM



Monitor NEC MultiSync XE21
JC-2131VMA/B/R strona 1/5

MODEL JC–2131 VMA/B/R
DEF PWB SCHEMATIC DIAGRAM



MODEL JC-2131 VMA/B/R
DEF PWB SCHEMATIC DIAGRAM

SERVICE ELEKTRONIK

175V
80V
15V
15V–
HEATER
VCC
12V SUB

C992 220µ 25V

CN–DF
DF 1 800V
DF2
DF3
DF4
DF5
DF6
DF7
DF8
DF9
DF10
DF11

500Vp–p(H)
140Vp–p(H)
1.0Vp–p(H)
1.2Vp–p(V)
5.2Vp–p(H)

R977 68K 1W
R978 68K 1W
R979 68K 1W
R981 1.5K 1/4W
Q972 2SC4632
Q973 2SC4632
R971 6.8K
R980 22 1/4W
R985 1K 1/2W
Q971 2SA933S
C972 0.1µ
R973 5.6K 1%
ZD971 RD6.8ESB(2)
C974 4.7µ 25V
R974 6.8K 1%
C973 2.2µ
R972 10K 1%
R975 15K
R976 2.2K
R984 270K 1/4W 1%
R983 270K 1/4W 1%
R982 270K 1/4W 1%

CRT PWB
PWE–421D
(2/2)

FOCUS PWB

IC5A1
XRA10358
4.1V
4.1V
4.6V
10.6V
R969 22K 1%

Q952 2SC1740S
C956 0.1µ 25V
Q953 2SA933S
R957 10K
R958 4.7K
C951 0.1µ 25V
C952 0.033µ
C953 2200P
R952 15K
C954 180P
Q951 2SC1740S
Q954 2SC1740S
R953 27K
R954 27K
R951 10K

R966 3.3K 1%
R967 5.6K 1%

5.0Vp–p(H)
2.0Vp–p(V)
1.0Vp–p(H)

IC951
µPC5022-92
V GND
VSAWI
VPI
H. SUBREF
VREF
V.OUT
VDEFI
HSI
HDFI
DRG
H.AMP
H.AMP
VCA OUT+
VCA OUT–
F/F
LPF
BUFF
SAW OSC.
V VCC
HDFI
HSID
GND2
HDI
H.GND1
HAVG2
HAVG1
HSAWF
H.VCC2
HSAW REF
HSAWI
TRCONT
H.VCC1

R956 30K 1%
R955 10K 1%
R959 47K
R960 47K
R962 2K 1%
R961 2K 1%
R95E 2.7K
R95G 10K
C955 0.01µ
R963 1.2K
R964 6.8K

V PRO
VREF U
HD
VSAWL
VPO
VD
DAC
H OSC
H FBP
V DF
H DF

R481 22 1/4W
177.8V
137.8V
137.2V
Q481 2SC2688
D482 RGP10G
C482 10µ 200V
R482 39K
R483 82K
Q482 2SC1841
81.7V
81.1V
R484 120K
D481 1SS82

650Vp–p(H)
T5H1 F.B.T.
D5H1 RU4C
D5H0 1SS132
Q5H1 2SK2147-01M
R5H1 100 1/4W
R5H0 330
12Vp–p(H)
C5H1 1000P 1.6KV
C5H2 5600P 630V
R5H4 100 3W
R5H3 100 3W
D5H4 EGP10G
D5H2 RU4C
D5H3 EGP10G
L5H1 10µ
R5H2 0.56 2W
R5K1 1.8 1W
L5K1 47µ
C5K3 100µ
R5K2 5.6K 1/4W
C5K2 0.82µ 250V
Q5K1 2SA1767
C5K1 100µ 250V HT
200Vp–p
R5K3 680K
D5L1 RGP10G
R5L1 10 1/4W
Q5L1 2SA916
–88.8V
–112.2V
–89.5V
R5L4 180K 1%
R5L3 100K
R5L2 39K
C5L1 4.7µ 160V
–6.8V
–6.2V
Q5L2 2SA1018
C5L2 1µ 160V
R5L5 15K 1%
ZD5L1 RD6.2ESB(2)

470
TOTAL 120M
HV CONTROL UNIT
600M
33P
1500P
1000P
1000P
TP–DF
4.4V
TP–HV
4.9V
SG5H1 1.5K

Q5M3 DTA114WS
R2001 33K
R2002 22K
Q2001 2SC1740S R.S.E.
C2001 100µ 16V
R2003 4.7K
Q5M2 2SC1740S
R5M7 10K
R5M6 27K
R5M5 10K
C5M3 100µ 16V
R5M1 100K
C5M1 47µ 10V NP
ZD5M1 RD24ESAB(1)
Q5M1 DTA114WS
R5M2 56K
R5M3 22K 1%
R5M4 100K 1%
C5M2 0.1µ 25V
R5M6 10K
C5M5 47µ 25V HT
C5M4 0.1µ 25V

GND
H FBP
V BLK
15V
–15V
G1
175V
HEATER
GND
–B
M1 M2 M3 M4 M5 M6 E1 E2 E3 E4
TO CRT PWB CN–M
TO CRT PWB CN–E
HV
FOCUS
DYNAMIC FOCUS
SCREEN

140V
80V
15V
ABL
GND
–15V
X1 X2 X3 X4 X5 X6
TO VIDEO PWB CN–X

HV1 HV2 HV3 HV4 HV5 HV6 HV7
CN–HV
TO FBT (HV CONTROL UNIT)
TP1 TP2 TP3
CN–TP

JC-2131VMA/B/R strona 2/5

MODEL JC-2131VMA/B/R
VIDEO PWB SCHEMATIC DIAGRAM

TO DEF. PWB. CN-X

X1 140V | X2 80V | X3 15V | X4 ABL | X5 | X6 -15V

IC702 ICREG UPC2412HF

C712 470µ 25V HT | C713 220µ 16V HT

0.7Vp-p(H)

IC701 M52310P

C714 10µ HT | C715 470µ 15V N.P. HT | C716 10µ HT | C717 10µ HT | C718 470µ 15V N.P. HT | C719 10µ HT | C720 10µ HT | C721 470µ 15V N.P. HT | C722 10µ HT

1 REFC | 1 IN | 1 F.B.C. | 1 GND | 2 REFC | 2 IN | 2 F.B.C. | 2 GND | 3 REFC | 3 IN | 3 F.B.C. | 3 GND

1 OUT | 1 VCC1 | 1 VCC2 | 1 CONT | 2 OUT | 2 VCC1 | 2 VCC2 | 2 CONT | 3 OUT | 3 VCC1 | 3 VCC2 | 3 CONT

R729 100 L702 56µH | R731 100 L703 56µH | R733 100 L704 56µH

C723 0.1µ 25V | C724 100µ 16V HT | C726 0.1µ 25V | C727 100µ 16V HT | C729 0.1µ 25V | C730 100µ 16V HT

R730 22K | C725 10µ HT | R732 22K | C728 10µ HT | R734 22K | C731 10µ HT

0.7Vp-p(H)

LC706 TH28123

R735 150 | R736 680 | R737 150 | R738 680 | R739 150 | R740 680

G | R | B | CLAMP PRE

D7A3 1SS132 | C7E4 0.022µ

IC7A2 (1/2) XRA10358 NJM29040

IC7A2 (2/2) XRA10358 NJM29040

IC7A2 XRA10358 NJM2904D

R7E8 10K | R7E9 1K | Q7A6 2SA933S | C7E1 0.1µ 25V

R7G9 10K | R7G1 10K | R7N2 3.3K | C7E5 0.1µ 25V | R7G2 3.3K

D7A4 1SS132 | D7A5 1SS132 | D7C6 1SS132 | D7C5 1SS132 | D7C8 1SS132

C7P4 0.01µ

R7G3 10 1/4W | C7E2 47µ 25V HT | C7E3 0.1µ 25V | R7G4 1K | R7G5 3.3K | Q7A7 2SC1740S | R7G6 1K | C7E6 10µ HT

Q7C6 2SC1740S | R7M7 3.3K

IC7A4 XRA10324 NJM324D

IC7A4 (1/4) XRA10324 NJM324D

IC7A4 (2/4) XRA10324 NJM324D

IC7A4 (3/4) XRA10324 NJM324D

IC7A4 (4/4) XRA10324 NJM324D

G-IN | G-OUT | B-IN | B-OUT | NC | GND | VDD

VREF | R-OUT | R-IN | RESET | BS | DI | CLK

C7K3 0.1µ 25V | R7H3 10K | C7G1 0.1µ 25V

IC7A5 M62362P

C732 0.01µ | C733 100µ 16V HT | C734 1000P | C735 3.3µ HT | R741 4.7K | C736 10µ HT | C737 1000P | C738 3.3µ | R742 4.7K | C739 10µ HT | C777 0.1µ 25V | C740 1000P | C741 3.3µ HT | R743 4.7K | C742 10µ HT | R744 2K 1% | C772 0.01µ | R745 1.3K 1%

C775 0.1µ 25V | C776 0.1µ 25V

BLK IN | VCC1 (1) | INPUT (1) | SUB CONTRAST (1) | OSM IN (1) | GND1 (1) | VCC1 (2) | INPUT (2) | SUB CONTRAST (2) | OSM IN (2) | GND1 (2) | VCC1 (3) | INPUT (3) | SUB CONTRAST (3) | OSM IN (3) | GND1 (3) | MAIN CONTRAST | CP IN

OSM ADJUST | OUTPUT (1) | VCC2 (1) | HOLD (1) | SUB OSM ADJUST(1) | GND2 (1) | OUTPUT (2) | VCC2 (2) | HOLD (2) | SUB OSM ADJUST(2) | GND2 (2) | OUTPUT (3) | VCC2 (3) | HOLD (3) | SUB OSM ADJUST(3) | GND2 (3) | NC | MAIN BRIGHT

C743 100µ 16V HT | C791 0.1µ 25V | C744 2.2µ HT | C792 0.1µ 25V | C745 2.2µ HT | C793 0.1µ 25V | C746 2.2µ HT | C773 0.01µ | R791 330 1% | D729 1SS132 | R789 180 1% | R753 2.7 1% | D728 1SS132

IC703 M52320SP

R746 2.2K | R747 150 | R748 470 | R749 150 | R750 470 | R752 150 | R751 470

C747 47µ 16V HT | C748 C OPEN

Q707 2SC3776 | C749 0.01µ | R756 150 | R755 180 | G OUT

Q708 2SC3776 | C750 0.01µ | R758 150 | R757 180 | R OUT

3.0Vp-p(H)

Q709 2SC3776 | C751 0.01µ | R760 150 | R759 180 | B OUT

LC7AB R12-100 | LC7A7 R12-100 | LC7A6 R12-100 | LC7A5 R12-100

R7G7 22K | Q7C7 2SC3811

C7K4 0.1µ 25V | R7H4 10K | R7K6 0 | R7K7 0 | C7P3 C

R | SCL | SDA | A05 | A06 | A07 | A08 | VREFL | VREFU1 | GND

CS0 | CS1 | CS2 | VDD | VCC | A04 | A03 | A02 | A01 | VREFU2

C7G4 0.1µ 25V

IC7A6 M62393P

C7H4 0.1µ 25V | 4.4Vp-p | R7P1 1K | C7P1 100P | R7H6 100K | C7H2 1µ HT

VDD | VERT | HOR | P5 | P4 | P3 | P2 | P1 | P0 | VSS

OSC1 | OSC2 | CS | SCK | SIN | AC | P6 | P7 | P8 | P9

IC7A7 M35042SP OSM

C7H1 0.01µ 16V | R7H7 7.5K 1% | R7H8 1K | R7H9 1K | C7G9 180P | C7G8 0.1µ | C7G6 0.1µ 25V | C7G7 1µ

TEST | VDD2 | FOUT | VI01 | NC | NC | VSS2 | NC | CPIN | CPOUT

VDD1 | SCK | SIN | CS | AC | VERT | HOR | NC | NC | VSS1

IC7A8 M35020SP PLL

5V SUB | VD | HD | VIDEO BLK

4.6Vp-p(H) | 6.5Vp-p(V)

R7G8 R (OPEN) | R7H2 120 2W | Q7C1 2SC1740S | Q7C2 2SA933S | R7M8 18K | R7M9 33K

Q7A9

C7M1 C (OPEN) | C7G2 100µ 16V | C7G3 0.1µ 25V | C7L9 180P | R7P2 1K | C7P2 100P

5V SUB | BRIGHT | CUT OFF | CLAMP | CLK | DI | CS BAT | SCL

140V | 80V | 12V | G OUT | R OUT | B OUT

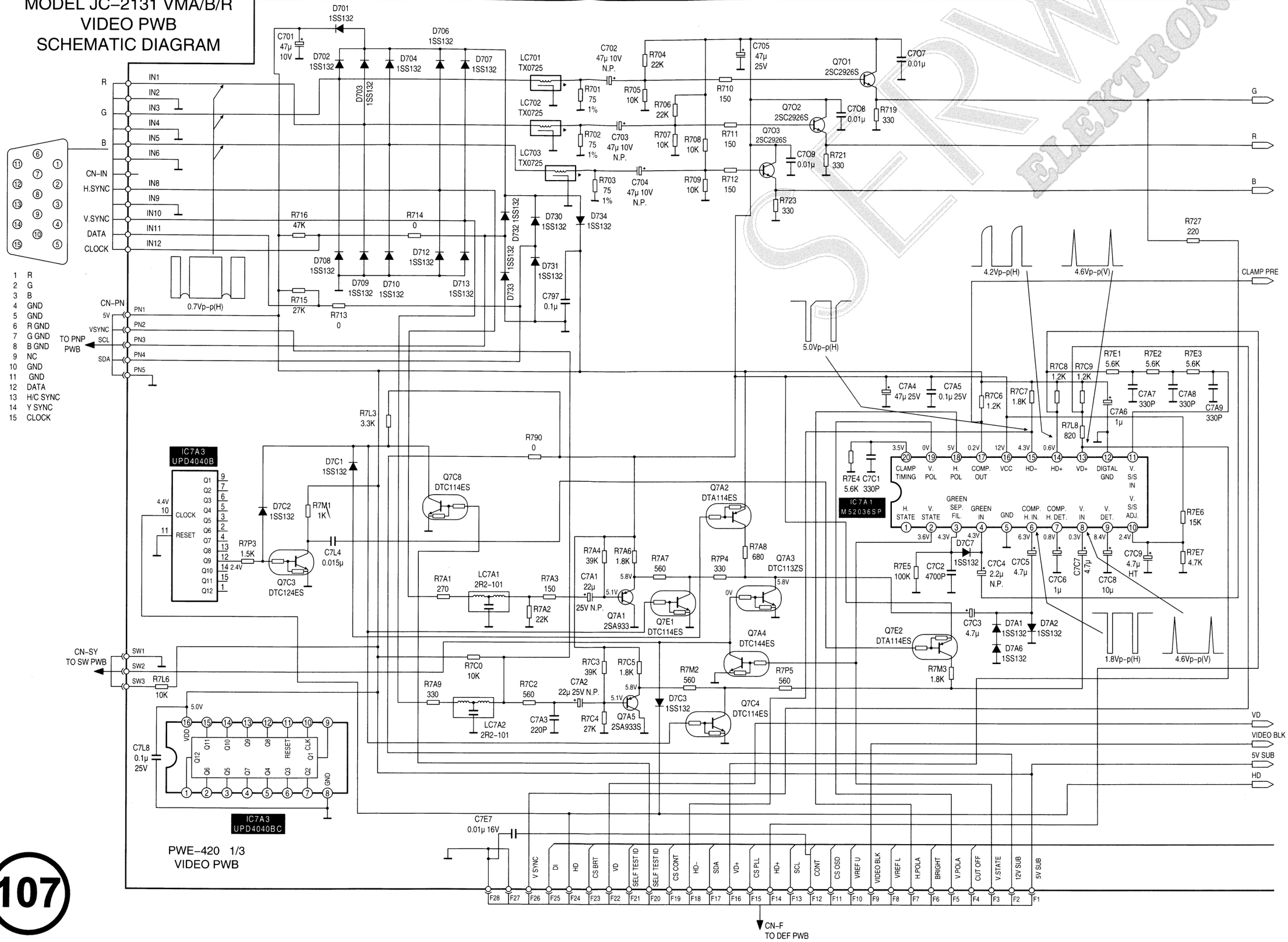
PWE-420 2/3
VIDEO PWB

MODEL JC-2131 VMA/B/R
VIDEO PWB
SCHEMATIC DIAGRAM

VIDEO PWB

CONT | CLK | DI | CS CONT | CS BRT | CS OSD | CS PLL | SCL | SDA | VREFL | VREFU | BRIGHT | CUT OFF

MODEL JC–2131 VMA/B/R
VIDEO PWB
SCHEMATIC DIAGRAM

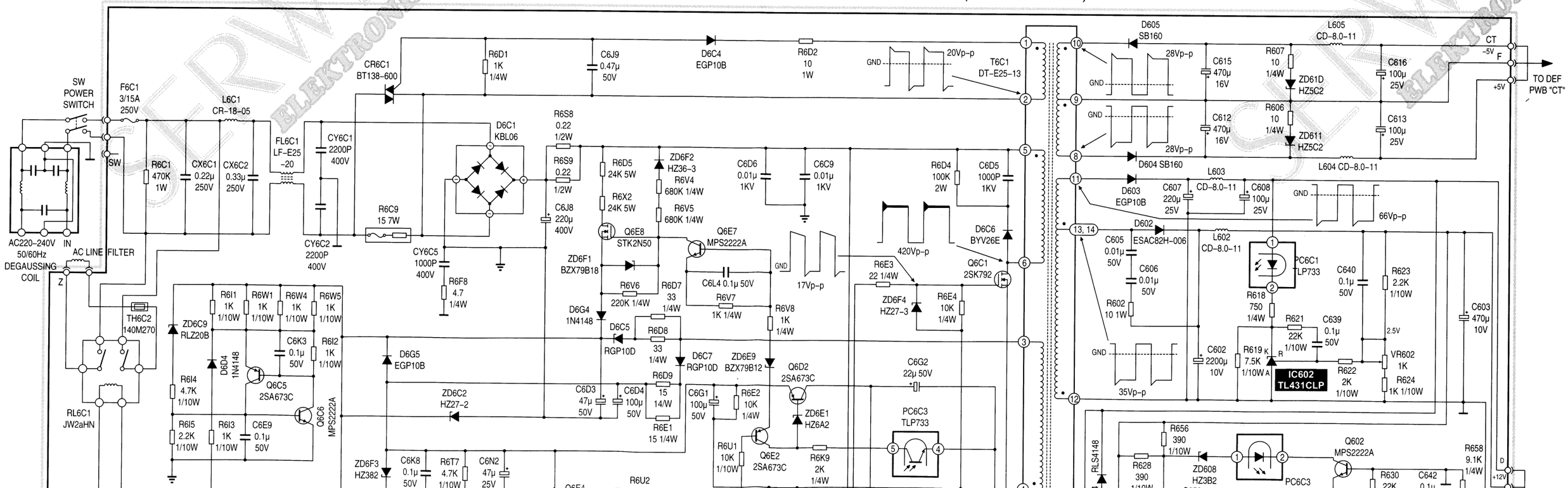


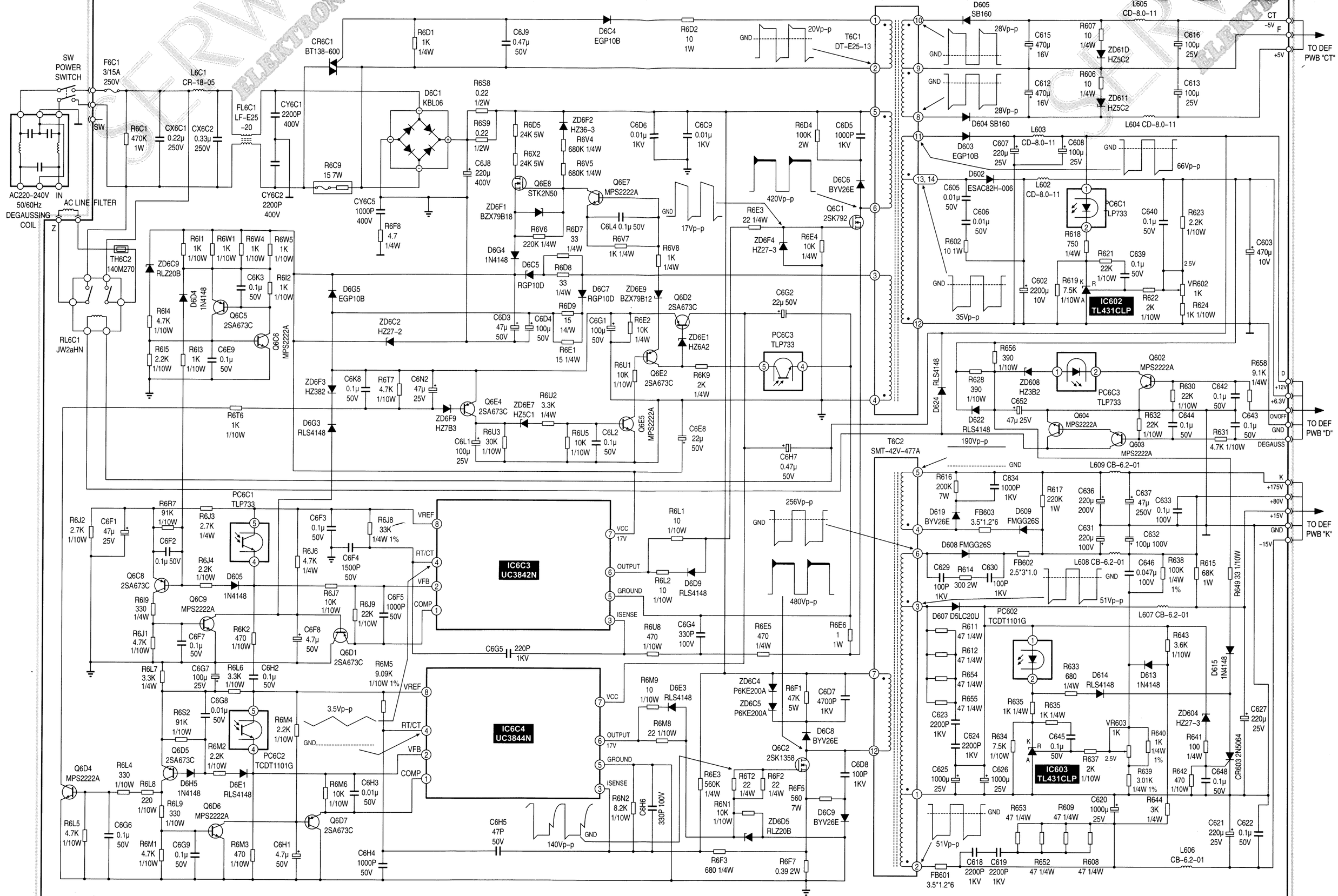
PWE–420 1/3
VIDEO PWB

SW. REG. UNIT. DPS–124AB REV. B SCHEMATIC DIAGRAM (JC–2131VMA)

SW POWER SWITCH
F6C1 4A 125V
L6C1 CR–18–05
FL6C1 LF–E25A–07
CR6C1 BT137–500
R6D1 1K 1/4W
C6J9 0.47µ 50V
D6C4 EGP10B
R6D2 10 1W
T6C1 DT–E25–13
20Vp–p
D605 SB160
L605 CD–8.0–11
CT
–5V
F
+5V
TO DEF PWB "CT"
21Vp–p
C615 470µ 16V
R607 10 1/4W
ZD610 HZ5C2
C616 100µ 25V
C612 470µ 16V
R606 10 1/4W
ZD611 HZ5C2
C613 100µ 25V
D604 SB160
L604 CD–8.0–11
L603
D603 EGP10B
C607 220µ 25V
C608 100µ 25V
52Vp–p
D602
L602 CD–8.0–11
C605 0.01µ 50V
EBAC82M–006
C606 0.01µ 50V
R602 10 1W
PC6C1 TLP621
C640 0.1µ 50V
R623 2.2K 1/10W
R618 750 1/4W
R621 22K 1/10W
C639 0.1µ 50V
2.5V
C602 2200µ 10V
R619 7.5K 1/10W
IC602 TL431CLP
R622 2K 1/10W
VR602 1K
R624 1K 1/10W
C603 470µ 10V
28Vp–p
AC100–120V 50/60Hz DEGAUSSING COIL
IN
AC LINE FILTER
SW
R6C1 330K 1W
CX6C1 0.1µ 250V
CX6C2 0.1µ 250V
CY6C1 1000P 400V
CY6C2 1000P 400V
R6C9 10 5W
D6C1 KBL06
R6S8 0.22 1/2W
R6S9 0.22 1/2W
C6J8 100µ 200V
CY6C5 1000P 400V
R6F8 4.7 1/4W
R6R3 18K 5W
R6R4 39K 1/4W
R6R5 39K 1/4W
C6D6 0.01µ 1KV
C6C9 0.01µ 1KV
R6D4 100K 2W
C6D5 1000P 1KV
D6C6 BYV26E
340Vp–p
17Vp–p
R6E3 22 1/4W
Q6C1 2SK792
ZD6F4 HZ27–3
R6E4 10K 1/4W
ZD6D9 HZ36–3
R6D7 33 1/4W
R6D8 33 1/4W
D6C5 RGP10D
D6C7 RGP10D
R6D9 10 1/4W
R6E1 10 1/4W
TH6C2 902P510
Z
RL6C1 JW2aHN
R6I1 1K 1/10W
R6W1 1K 1/10W
R6W4 1K 1/10W
R6W5 1K 1/10W
ZD6C9 RLZ20B
D6D4 1N4148
C6K3 0.1µ 50V
R6I2 1K 1/10W
R6I4 330K 1/10W
Q6C5 2SA673C
Q6C6 MPS2222A
R6I5 2.2K 1/10W
R6I3 1K 1/10W
C6E9 0.1µ 50V
D6G5 EGP10B
ZD6C2 HZ27–2
R6R6 33K 1/10W
C6D3 47µ 50V
C6D4 100µ 50V
C6G1 100µ 50V
R6E2 10K 1/4W
Q6D2 2SA673C
ZD6E1 HZ6A2
R6U1 10K 1/10W
Q6E2 2SA673C
R6K9 2K 1/4W
C6G2 22µ 50V
PC6C3 TLP621
C6H7 0.47µ 50V
R6T6 1K 1/10W
D6G3 RLS4148
ZD6F3 HZ382
C6K8 0.1µ 50V
R6T7 4.7K 1/10W
C6N2 47µ 25V
ZD6F9 HZ7B3
Q6E4 2SA673C
ZD6E7 HZ5C1
R6U2 3.3K 1/4W
D6F3 RGP10B
Q6E5 MPS2222A
C6L1 100µ 25V
R6U3 30K 1/10W
R6U5 10K 1/10W
C6L2 0.1µ 50V
C6E8 22µ 50V
T6C2 SMT–42V–476A
190Vp–p
D624 RLS4148
R656 390 1/10W
R628 390 1/10W
ZD608 HZ3B2
Q602 MPS2222A
R658 9.1K 1/4W
PC6C3 TLP621
C652 47µ 25V
D622 RLS4148
Q604 MPS2222A
R630 22K 1/10W
C642 0.1µ 50V
R632 22K 1/10W
C644 0.1µ 50V
C643 0.1µ 50V
Q603 MPS2222A
R631 4.7K 1/10W
D
+12V
+6.3V
ON/OFF
GND
DEGAUSS
TO DEF PWB "D"
PC6C1 TLP621
R6R7 91K 1/10W
R6J3 2.7K 1/4W
R6J2 2.7K 1/10W
C6F1 47µ 25V
C6F2 0.1µ 50V
C6F3 0.1µ 50V
R6J8 33K 1/4W 1%
R6J6 4.7K 1/4W
C6F4 1500P 50V
R6L7 3.3K 1/4W
Q6C8 2SA673C
D605 1N4148
R6L7 3.3K 1/4W
R6J9 22K 1/10W
C6F5 1000P 50V
R6I9 330 1/4W
Q6C9 MPS2222A
R6K2 470 1/4W
C6F7 0.1µ 50V
R6J1 4.7K 1/10W
C6F8 4.7µ 50V
Q6D1 2SA673C
IC6C3 UC3844N
VREF
VCC
RT/CT
OUTPUT
VFB
GROUND
COMP
ISENSE
R6L1 10 1/10W
R6L2 10 1/10W
D6D9 RLS4148
C6G4 330P 100V
R6U8 470 1/10W
C6G5 220P 1KV
R6E5 470 1/4W
R6E6 1 1W
340Vp–p
280Vp–p
R6L7 3.3K 1/4W
C6G7 100µ 25V
R6L6 3.3K 1/10W
C6H2 0.1µ 50V
R6M5 9.09K 1/10W 1%
C6G8 0.01µ 50V
R6S2 91K 1/10W
R6M4 2.2K 1/10W
3.5Vp–p
R6M2 2.2K 1/10W
Q6D5 2SA673C
PC6C2 TLP621
IC6C4 UC3844N
R6M9 10 1/10W
D6E3 RLS4148
R6M8 22 1/10W
ZD6C4 1N5931B
ZD6C5 P6KE200A
R6F1 47K 5W
C6D7 4700P 1KV
D6C8 BYV26E
Q6C2 2SK895
C6D8 100P 1KV
R6E9 390K 1/4W
R6T2 22 1/4W
R6F2 22 1/4W
R6F5 470 7W
R6N1 10K 1/10W
ZD6D5 RLZ20B
D6C9 BYV26E
Q6D4 MPS2222A
R6L4 330 1/10W
R6L8 220 1/10W
D6H5 1N4148
D6E1 RLS4148
R6N3 4.7K 1/4W
R6M6 10K 1/10W
C6H3 0.01µ 50V
R6N2 8.2K 1/10W
C6H6 330P 100V
R6L9 330 1/10W
Q6D6 MPS2222A
Q6D7 2SA673C
R6V2 47K 1/10W
170Vp–p
C6H4 1000P 50V
C6H5 47P 50V
R6F3 680 1/4W
R6F7 0.22 2W
R6L5 4.7K 1/10W
C6G6 0.1µ 50V
R6M1 4.7K 1/10W
C6G9 0.1µ 50V
R6M3 470 1/10W
C6H1 4.7µ 50V
T6C2 SMT–42V–476A
GND
L609 CB–6.2–01
R616 200K 7W
C834 1000P 1KV
R617 220K 1W
C636 220µ 200V
C637 47µ 250V
C633 0.1µ 100V
D619 BYV26E
FB603 3.5*1.2*6
D609 FMGG26S
C631 220µ 100V
C632 100µ 100V
D608 FMGG26S
FB602 2.5*3*1.0
L608 CB–6.2–01
C629 100P 1KV
R614 300 2W
C630 100P 1KV
C646 0.047µ 100V
R638 100K 1/4W 1%
R615 68K 1W
R649 33 1/10W
80Vp–p
L607 CB–6.2–01
D607 D5LC20U
PC602 TCDT1101G
R611 47 1/4W
R612 47 1/4W
R654 47 1/4W
R655 47 1/4W
R643 3.6K 1/10W
R633 680 1/4W
D614 RLS4148
D613 1N4148
D615 1N4148
C623 2200P 1KV
C624 2200P 1KV
R635 1K 1/4W
R635 1K 1/4W
R634 7.5K 1/10W
C645 0.1µ 50V
VR603 1K
R640 1K 1/4W 1%
R637 2K 1/10W
2.5V
IC603 TL431CLP
C625 1000µ 25V
C626 1000µ 25V
R639 3.01K 1/4W 1%
ZD604 HZ27–3
R641 100 1/4W
C627 220µ 25V
ZN5064
CR603
R642 470 1/10W
C648 0.1µ 50V
R644 3K 1/4W
C620 1000µ 25V
70Vp–p
R653 47 1/4W
R609 47 1/4W
C621 220µ 25V
C622 0.1µ 50V
C618 2200P 1KV
C619 2200P 1KV
R652 47 1/4W
R608 47 1/4W
L606 CB–6.2–01
FB601 3.5*1.5*6
K
+175V
+80V
+15V
GND
–15V
TO DEF PWB "K"

SW. REG. UNIT. DPS–124AB–1 REV. B SCHEMATIC DIAGRAM (JC–2131VMB/R)





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